


City of Alexandria, Virginia

16
9-24-02

MEMORANDUM

DATE: SEPTEMBER 16, 2002

TO: THE HONORABLE MAYOR AND MEMBERS OF CITY COUNCIL

FROM: PHILIP SUNDERLAND, CITY MANAGER 

SUBJECT: AUTHORIZATION OF RECOMMENDED CAPITAL PROJECT
ALLOCATIONS AND PLANNED EXPENDITURES

ISSUE: City Council authorization of the recommended capital project allocations and planned expenditures.

RECOMMENDATION: That City Council authorize the capital project allocations and planned expenditures for the capital projects as detailed in the Capital Improvement Expenditure Summary (Attachment 1).

DISCUSSION: This docket item provides a summary of Capital Improvement Program planned expenditures (Attachment 1). It includes projects reflected in the City's Fiscal Year 2003 Capital Budget, approved by City Council on May 6, 2002, or approved in capital budgets prior to FY 2003 with a CIP budget document page reference in Attachment 1. A project title listing appears below and a detailed summary appears in Attachment 1.

Allocations are recommended for the following projects:

Preservation of Historic Facilities	
Gadsby's Tavern (HVAC System)	\$ 310,000
Lloyd House (grant monies)	125,000
Community Development	
Redevelopment of Upper Potomac West - Datatel	\$ 600,000
Recreation and Parks	
Northern Virginia Regional Park Authority (capital contribution)	\$ 297,789
Public Landscaping	\$ 125,000
Bike Trails	77,000

Recreation Facilities Improvements	
Jerome "Buddie" Ford Nature Center	\$ 100,000
Park Improvements	
Skate Park	\$ 200,000
Playground Renovations	60,000
Ball Court Renovations	45,000
Athletic Field Improvements	40,000
ADA Requirements	25,000
Streets and Bridges	
King Street Metro Station Area Improvements (grant monies)	\$ 897,088
Traffic Calming	\$ 400,000
Sewers	
Combined Sewer Mitigation	\$1,200,000
Systems Development	
LAN-Based Payroll System	\$ 150,000
Document Management and Imaging	\$ 140,000
GIS Layers	\$ 95,000
Infrastructure Projects	
Storage Area Network	\$ 100,000
Public Safety	
Peumansend Creek Regional Jail Authority (capital contribution)	\$ 184,737
Other	
Northern Virginia Community College (capital contribution)	\$ 128,283

ATTACHMENTS:

Attachment 1 - Capital Improvement Program Planned Expenditures

STAFF:

Mark Jinks, Assistant City Manager

Alfred Coleman, Budget/Management Analyst, Office of Management and Budget

CAPITAL IMPROVEMENT PROGRAM PLANNED EXPENDITURES
August 31, 2002 Report, Docketed September 24, 2002

ATTACHMENT 1, PAGE 1

This attachment provides summary information on capital improvement program projects for which work will be initiated and expenditures incurred during the upcoming months. Funding for all of the projects discussed below is included in the City's Approved FY 2003 Capital Improvement Program (CIP) budget or in prior year capital budgets.

Project Number Index Code/ Sub-object	Project Title	Approved Funding Available	Planned Expenditure Amount	Budget Document Page Reference
Project 005-003 Account No.220885 Sub-object 2121	Preservation of Historic Facilities (Gadsby's Tavern)	\$310,000	\$310,000	Page 96 of the City's Approved 2003 CIP Budget Document

This allocation will provide funding for the replacement of the existing heating, ventilation and air conditioning (HVAC) system at Gadsby's Tavern. This project is scheduled to begin in January 2003 and be completed in April 2003. (Fund Source: Cash Capital - FY 2002 Funds)

Project Number Index Code/ Sub-object	Project Title	Approved Funding Available	Planned Expenditure Amount	Budget Document Page Reference
Project 005-104 Account No. 220972 Sub-object 2121	Preservation of Historic Facilities (grant monies) (Lloyd House)	\$125,000	\$125,000	Page 96 of the City's Approved 2003 CIP Budget Document

This allocation will provide the balance of the funding for to the renovation of the Lloyd House to make the first and second floors of the facility useable for the Office of Historic Alexandria and for public meeting areas. This allocation reflects the receipt of monies from the "Federal Save America's Treasures" grant from the Department of the Interior. Construction is scheduled to begin this fall and to be completed by April 2003. (Fund Source: Grant Monies)

CAPITAL IMPROVEMENT PROGRAM PLANNED EXPENDITURES
August 31, 2002 Report, Docketed September 24, 2002

ATTACHMENT 1, PAGE 2

Project Number Index Code/ Sub-object	Project Title	Approved Funding Available	Planned Expenditure Amount	Budget Document Page Reference
Project 003-008 Account No.220955 Sub-object 2121	Community Development (Redevelopment of Upper Potomac West - Datatel)	\$600,000	\$600,000	Page 64 of the City's Approved 2003 CIP Budget Document

This allocation will provide the balance of the funding for the purchase of the Datatel building, its demolition and the construction of a surface parking lot on that site. In June, City Council approved an initial \$1.4 million allocation for the Datatel purchase and demolition, however with real estate purchase negotiations ongoing at that time a full allocation of the \$2.0 million budget may have been misinterpreted by the sellers as the monies available for purchase. As a result the full allocation was not made at that time. Over the last year, an extensive community-based planning process has resulted in a redevelopment vision for the commercial block of Mount Vernon Avenue and West Glebe Road, sometimes referred to as the Safeway-Datatel block. When developed, this block would be the keystone in the revitalization of the Upper Potomac West area. In order to accomplish this, land consolidation as well as the construction of a public parking facility have been envisioned in the planning process. (Fund Source: Cash Capital - FY 2003 Funds)

Project Number Index Code/ Sub-object	Project Title	Approved Funding Available	Planned Expenditure Amount	Budget Document Page Reference
Project 004-015 Account No.215327 Sub-object 2121	Recreation and Parks (Northern Virginia Regional Park Authority)	\$297,789	\$297,789	Page 81 of the City's Approved 2003 CIP Budget Document

This allocation will provide funding for the City's share of the Northern Virginia Regional Park Authority's (NVRPA) capital costs for FY 2003. Capital costs for the NVRPA are paid by the Authority's member jurisdictions based on a formula that determines each jurisdiction's annual share. Regional park facilities include Cameron Run Regional Park and the Carlyle

CAPITAL IMPROVEMENT PROGRAM PLANNED EXPENDITURES
August 31, 2002 Report, Docketed September 24, 2002

ATTACHMENT 1, PAGE 3

House. The capital improvements scheduled for the Alexandria facilities in FY 2003 include renovations at the Cameron Run Pool facility. (Funding Source: Cash Capital - FY 2003 Funds)

Project Number Index Code/ Sub-object	Project Title	Approved Funding Available	Planned Expenditure Amount	Budget Document Page Reference
Project 004-033 Account No.215335 Sub-object 2121	Recreation and Parks (Public Landscaping)	\$125,000 (\$120,000 City; \$5,000 revenues)	\$125,000	Page 79 of the City's Approved 2003 CIP Budget Document

This allocation will provide funding for the annual tree planting and care program for trees on public streets, parks and open spaces, as well as the renovation of City horticultural sites. This allocation will provide for approximately 350 trees. Specific sites designated for FY 2003 include North and South Washington Street and South Patrick Street. This project is on-going in accordance with the tree maintenance plan and as horticultural sites require renovation. (Funding Source: Cash Capital (\$120,000) - FY 2003 Funds, Revenues (\$5,000) - FY 2003)

Project Number Index Code/ Sub-object	Project Title	Approved Funding Available	Planned Expenditure Amount	Budget Document Page Reference
Project 004-051 Account No.215541 Sub-object 2121	Recreation and Parks (Bike Trails)	\$77,000	\$77,000	Page 69 of the City's Approved 2003 CIP Budget Document

This allocation will provide funding for the design and construction of City bike trails, as well as signage and maintenance. Projects planned for FY 2003 include the Chambliss Connector linking bike trails in Alexandria and Fairfax County; and emergency response signage along the City's bike trail network. In addition, this allocation will also fund the City's share of the TEA-21 grant awarded to the City for the second phase of development of the Eisenhower Valley trail. This project is on-going. (Funding Source: Cash Capital - FY 2003 Funds)

CAPITAL IMPROVEMENT PROGRAM PLANNED EXPENDITURES
August 31, 2002 Report, Docketed September 24, 2002

ATTACHMENT 1, PAGE 4

Project Number Index Code/ Sub-object	Project Title	Approved Funding Available	Planned Expenditure Amount	Budget Document Page Reference
Project 004-179 Account No.215882 Sub-object 2121	Recreation Facilities Improvements (Jerome "Buddie" Ford Nature Center)	\$100,000	\$100,000	Page 89 of the City's Approved 2003 CIP Budget Document

This allocation will provide funding for the City's share of the initial planning and design costs related to Jerome "Buddie" Ford Nature Center renovation project. This joint effort between the City and the Alexandria City Public Schools (ACPS) will renovate and expand the gymnasium that was formerly the William Ramsay Recreation Center space, vacated when the recreation program was moved to the new recreation facility, into a two-level facility providing nine additional classrooms for the ACPS and additional program space for the "Buddie" Ford Nature Center. Planning and design is scheduled to be completed in FY 2003 with construction scheduled to begin in FY 2004. (Funding Source: Cash Capital - FY 2003 Funds)

Project Number Index Code/ Sub-object	Project Title	Approved Funding Available	Planned Expenditure Amount	Budget Document Page Reference
Project 004-712 Account No.215500 Sub-object 2121	Park Improvements (Skate Park)	\$200,000	\$200,000	Page 84 of the City's Approved 2003 CIP Budget Document

This allocation will provide funding for the design and construction of the skate park approved by City Council during the FY 2003 budget process. The Planning Commission approved the Special Use Permit (SUP) on September 4, 2002 and City Council approved it on September 14, 2002. This allocation, in combination with \$50,000 in private funding to be raised by the Skatepark Friends group, will fund the design, site preparation and construction of the skatepark. Construction is scheduled to begin in the fall of 2002 with completion and park opening scheduled in early Summer 2003. (Funding Source: Cash Capital - FY 2003 Funds)

CAPITAL IMPROVEMENT PROGRAM PLANNED EXPENDITURES
August 31, 2002 Report, Docketed September 24, 2002

ATTACHMENT 1, PAGE 5

Project Number Index Code/ Sub-object	Project Title	Approved Funding Available	Planned Expenditure Amount	Budget Document Page Reference
Project 004-012 Account No.215632 Sub-object 2121	Park Improvements (Playground Renovations)	\$60,000	\$60,000	Page 84 of the City's Approved 2003 CIP Budget Document

This allocation will provide funding for the renovation of the City's playgrounds, including repairing or replacing deteriorated play equipment and providing small scale enhancements to maintain safe play areas in all playgrounds. In addition, this allocation will help ensure that playgrounds meet Consumer Product Safety Commission standards. Playgrounds scheduled to be addressed in FY 2003 include Fort Ward, Hunter-Miller, Ewald and Powhatan Parks. This project is on-going. (Funding Source: Cash Capital - FY 2003 Funds)

Project Number Index Code/ Sub-object	Project Title	Approved Funding Available	Planned Expenditure Amount	Budget Document Page Reference
Project 004-714 Account No.267021 Sub-object 2121	Park Improvements (Ball Court Renovations)	\$45,000	\$45,000	Page 84 of the City's Approved 2003 CIP Budget Document

This allocation will provide funding for the renovation and updating of the City's ball courts, including patching or replacing surfaces, drainage work, fencing, grading when necessary and color coding. Ball courts scheduled to be addressed in FY 2003 include Ewald, Hunter-Miller and Powhatan. This project is ongoing as weather permits throughout the year. (Funding Source: Cash Capital - FY 2003 Funds)

CAPITAL IMPROVEMENT PROGRAM PLANNED EXPENDITURES
August 31, 2002 Report, Docketed September 24, 2002

ATTACHMENT 1, PAGE 6

Project Number Index Code/ Sub-object	Project Title	Approved Funding Available	Planned Expenditure Amount	Budget Document Page Reference
Project 004-012 Account No. 215491 Sub-object 2121	Park Improvements (Athletic Field Improvements)	\$40,000	\$40,000	Page 84 of the City's Approved FY 2003 CIP Document

This allocation will provide funding for athletic field improvements City-wide including the replacement of deteriorated backstops and fencing and to provide grading and irrigation on a prioritized basis. Fields scheduled for improvements in FY 2003 include Braddock Field and Four Mile Run Field. This project is on-going as weather permits. Fields scheduled for FY 2003 are to be completed Fall 2002. (Funding Source: Cash Capital - FY 2003 Funds)

Project Number Index Code/ Sub-object	Project Title	Approved Funding Available	Planned Expenditure Amount	Budget Document Page Reference
Project 004-012 Account No.215806 Sub-object 2121	Park Improvements (ADA Requirements)	\$25,000	\$25,000	Page 83 of the City's Approved 2003 CIP Budget Document

This allocation will provide funding to meet Americans with Disabilities Act (ADA) accessibility requirements in park play areas. This funding was included in the CIP in response to the United States Access Board's regulations for playground accessibility. According to the regulations, not only must new playgrounds be ADA accessible, but any renovation to existing play areas must also comply with accessibility requirements. For FY 2003 ADA compliant walkways are scheduled to be constructed at Fort Ward (playground) and Hoof's Run. This project is on-going as parks and playgrounds are renovated. (Funding Source: Cash Capital - FY 2003 funds).

CAPITAL IMPROVEMENT PROGRAM PLANNED EXPENDITURES
August 31, 2002 Report, Docketed September 24, 2002

ATTACHMENT 1, PAGE 7

Project Number Index Code/ Sub-object	Project Title	Approved Funding Available	Planned Expenditure Amount	Budget Document Page Reference
Project 011-097 Account No. 246041 Sub-object 2121	Streets and Bridges (King Street Metro Station Improvements- North Entrance)	\$897,088 (Grant Monies)	\$897,088	Page 144 of the City's Approved FY 2003 CIP Document

This allocation will provide funding for the engineering and construction costs associated with the new North Entrance to the King Street Metrorail Station. The total cost of this project is \$1,252,000, of which \$897,088 will be funded from a federal transportation grant from the Federal Transportation Administration (FTA) and the City has provided its share of the project costs, in the amount of \$354,912, which was allocated in September 1999. The North Entrance project has been completed and this funding will satisfy the close-out bill from the Washington Metropolitan Area Transit Authority (WMATA). (Funding Source: Grant Monies)

Project Number Index Code/ Sub-object	Project Title	Approved Funding Available	Planned Expenditure Amount	Budget Document Page Reference
Project 011-109 Account. No. 245320 Sub-object 2121	Streets and Bridges (Traffic Calming)	\$400,000	\$400,000	Page 153 of the City's Approved FY 2003 CIP Budget Document

This allocation will provide funding for the design and construction of physical traffic calming devices within the right-of-way to preserve the neighborhoods and enhance safety by diverting cut through traffic, lowering prevailing traffic speeds, and highlighting pedestrian crossing areas. A portion of these funds (approximately \$50,000) will be used for the replacement of the temporary rubber speed tables that were installed last year. The temporary speed tables, manufactured out of recycled rubber, were very effective in reducing vehicle speeds, however the devices were also found to slow emergency vehicle response times. The temporary rubber speed tables will be replaced with slotted asphalt speed tables. This allocation will provide funding through the end of FY 2003. This project is on-going. (Funding Source: Cash Capital- FY 2003 Funds)

CAPITAL IMPROVEMENT PROGRAM PLANNED EXPENDITURES
August 31, 2002 Report, Docketed September 24, 2002

ATTACHMENT 1, PAGE 8

Project Number Index Code/ Sub-object	Project Title	Approved Funding Available	Planned Expenditure Amount	Budget Document Page Reference
Project 013-010 Account. No.255208 Sub-object 2121	Sewers (Combined Sewer Mitigation)	\$1,200,000	\$1,200,000	Page 165 of the City's Approved FY 2003 CIP Budget Document

This allocation will provide funding for new Virginia Pollution Discharge Elimination System (VPDES) permit monitoring, evaluation and reporting activities, including, but is not limited to, rotating Combined Sewer Overflows (CSO) flow monitoring, Hunting Creek sampling and analysis, and CSO sampling and analysis. This project also includes the assembly, review and documenting of results and analysis, as well as assessing CSO impacts and efficacy of controls by developing computer models for receiving waters and Storm Water Management Models (SWMM) for Combined Sewer System. In addition this allocation will also provide for the preparation of the annual report for 2002 which is due March 2003. Monitoring and sampling activities are scheduled to begin October 2002. Permit compliance activities will continue through the end of the permit cycle which is August 2006. (Funding Source: Cash Capital- FY 2003 Funds)

Project Number Index Code/ Sub-object	Project Title	Approved Funding Available	Planned Expenditure Amount	Budget Document Page Reference
Project 015-005 Account. No.265686 Sub-object 2121	Systems Development (LAN Based Payroll/Personnel System)	\$150,000	\$150,000	Page 222 of the City's Approved FY 2003 CIP Budget Document

This allocation will provide funding for on-going contractor support during the conversion of the City's Integral Human Resources/Payroll System to a new Payroll/Personnel System. This project will enhance productivity by providing more effective, secure and reliable distribution of payroll and personnel data to staff through automation of processes that are currently manual (such as COBRA management which allows certain former employees to buy temporary health insurance at group rates) and the implementation of position control to help staff monitor requisitioning and filling of budgeted positions. This project is scheduled to be completed in FY 2005. (Funding Source: Cash Capital- FY 2003 Funds)

CAPITAL IMPROVEMENT PROGRAM PLANNED EXPENDITURES
August 31, 2002 Report, Docketed September 24, 2002

ATTACHMENT 1, PAGE 9

Project Number Index Code/ Sub-object	Project Title	Approved Funding Available	Planned Expenditure Amount	Budget Document Page Reference
Project 015-524 Account No.265165 Sub-object 2121	Systems Development (Document Management And Imaging Infrastructure)	\$140,000	\$140,000	Page 217 of the City's Approved 2003 CIP Budget Document

This allocation, combined with funds budgeted by other City departments, will provide funding for the implementation of a new Document Management and Imaging Infrastructure. This project will replace the City's current imaging infrastructure used primarily for the City Council Docket Storage and Retrieval (DSR) system and the Planning and Zoning Docket systems. In addition, this project will allow for the implementation of imaging projects planned for Finance, Code Enforcement, the Fire Department and the Police Department. This project will be completed in phases beginning with a pilot department, which has budgeted for Document Imaging. The goal is to have the pilot system fully functional by July 2003. As other department funds become available, they will be interfaced into the system during the subsequent phases. (Funding Source: Cash Capital - FY 2002 and FY 2003 Funds)

CAPITAL IMPROVEMENT PROGRAM PLANNED EXPENDITURES
August 31, 2002 Report, Docketed September 24, 2002

ATTACHMENT 1, PAGE 10

Project Number Index Code/ Sub-object	Project Title	Approved Funding Available	Planned Expenditure Amount	Budget Document Page Reference
Project 015-005 Account. No.265710 Sub-object 2121	Systems Development Projects (GIS Layers)	\$95,000	\$95,000	Page 225 of the City's Approved FY 2003 CIP Budget Document

This allocation will provide funding for the acquisition of a Global Positioning System (GPS) (\$45,000) to allow the integration of high accuracy data into the Geographical Information System (GIS), which is essential to many GIS functions. Some of these functions include the Transportation and Environmental Services (T&ES) sewer mapping project, the establishment of a City-wide monument network and the on-going establishment of control for the development of GIS Orthophotos to be shared with T&ES and integrated with their "Total Station" survey equipment to greatly enhance survey efficiency. Hardware to be acquired includes a base station and two rovers. In addition, this allocation will provide for the contracting of mapping technicians to assist the City's Cartographer Supervisor in completing the digital conversion of paper tax maps which includes converting several hundred thousand paper map annotations to a digital format, as well as verifying edge matching and line work on each of the City's 336 50 scale maps. The GPS project is scheduled to start in early October 2002 and should be completed by December 2002. The Tax Map conversion project is currently underway using existing resources and should be completed by September 2003. (Funding Source: Cash Capital - FY 2003 Funds)

Project Number Index Code/ Sub-object	Project Title	Approved Funding Available	Planned Expenditure Amount	Budget Document Page Reference
Project 015-414 Account. No.265170 Sub-object 2121	Infrastructure Projects (Storage Area Network)	\$100,000	\$100,000	Page 195 of the City's Approved FY 2003 CIP Budget Document

13
This allocation will provide funding for the implementation of a Storage Area Network (SAN). A SAN is a high-speed network that connects disk subsystems directly to servers or clients. This network will expand the amount of data which can be stored and relieve network congestion and bypass distance limitations imposed by traditional Small Computer Storage

CAPITAL IMPROVEMENT PROGRAM PLANNED EXPENDITURES
August 31, 2002 Report, Docketed September 24, 2002

ATTACHMENT 1, PAGE 11

Interface (SCSI) architecture. A SAN is superior to the expensive and eventually space limited solution of adding additional disk drives to individual servers and is an alternative to the Network Attached Storage (NAS) by allowing databases to be connected which NAS does not. This project is scheduled to begin in September 2002 and be completed by December 2002. (Funding Source: Cash Capital- FY 2003 Funds)

Project Number Index Code/ Sub-object	Project Title	Approved Funding Available	Planned Expenditure Amount	Budget Document Page Reference
Project 006-004 Account No.224006 Sub-object 2121	Public Safety (Peumansend Creek Regional Jail Authority)	\$184,737	\$184,737	Page 119 of the City's Approved FY 2003 CIP Budget Document

This allocation will provide funding for the City's portion of debt service payments of the Peumansend Creek Regional Jail Authority during FY 2003. In September 1994, City Council approved the Service Agreement establishing the financial and operational commitments of the member jurisdictions regarding design, construction and operation of the jail. Member jurisdictions include the Cities of Alexandria and Richmond and the Counties of Caroline, Arlington, Loudoun and Prince William. Alexandria is allocated 50 beds, or approximately 15 percent of the 336 beds in the facility. The facility opened September 7, 1999. This allocation for the City's share of the debt service cost is consistent with the conditions of the Service Agreement. (Funding Source: Cash Capital - FY 2001 and FY 2003 Funds)

Project Number Index Code/ Sub-object	Project Title	Approved Funding Available	Planned Expenditure Amount	Budget Document Page Reference
Project 016-001 Account No.20014 Sub-object 2121	Northern Virginia Community College	\$128,283	\$128,283	Page 177 of the City's Approved 2003 CIP Budget Document

This allocation will provide funding for the City's share of the Northern Virginia Community College's (NVCC) capital costs for FY 2003. Capital costs are determined by a formula that is based on the population of the nine participating jurisdictions. (Funding Source: Cash Capital - FY 2003 Funds)